

(NY-6970)

Psychopharmacology and Psychiatry, by
A. V. Smolnovskiy, 7 pp.

RUSSIAN, per, Vest Ak Med Nauk SSSR,
Vol XVI, No 10, 1961, pp 82-86.

JPRS 12767

Sci - Med

183, 442

Mar 62

(NY-6970)

Psychopharmacological Agents of the
Stimulant Type, by M. D. Maskivskiy,
18 pp.

RUSSIAN, per, Vest Ak Med Nauk SSSR,
Vol. XVI, No 10, 1961, pp 678-78.

JPRS 12767

Sci - Med
Mar 62

183,440

OTJ 62-20368

(NY-6970)

Psychopharmacologic Agents of the Depressant
Type, by Yu. I. Vikhlyayev, B. I. Lyubimov,
5 pp.

RUSSIAN, per, Vest Ak Med Nauk SSSR,
Vol XVI, No 10, 1961, pp 78-82.

JPRS 12767

Sci - Med

183, 441

Mar 62

S-68/64

Our Work on Neuropharmacology, by S. V. Anichkov,
(NY-9106).

RUSSIAN, per, Vestnik Akademii Meditsinskikh Nauk
SSSR, No 11, 1961, pp 68-74.

*JPRS

Sci- Biol & Med Sci
Mar 64

(SF-3355)

~~XXXXXXXXXX~~

ACTIVITIES OFF THE BUREAU OF THE DEPARTMENT OF
CLINICAL MEDICINE OF THE ACADEMY OF MEDICAL
SCIENCES USSR IN 1960, BY V. KH. VASILENKO,
I. P. NOCIKOV, 19 PP.

RUSSIAN, PER, VEST AK MED NAUK SSSR, NO 11,
1961, PP 75-79.

JPRS 12520

SCI - MED
FEB 62

183,150

S-941/61

The Second Scientific Conference on the Problem
"Regenerating and Compensating Processes During
Radiation ~~XXXXXXXXXX~~ Sickness", by V. V. Petelina,
(SF-2115)

RUSSIAN, per, Vest Ak/Nauk SSSR, Vol XVI, No 11,
1961, pp 88-93.

*JPRS

Sci - Med
2 Jan 62

(NY-6981)

VITAL PROBLEMS IN THE ORGANIZATION OF
SCIENTIFIC RESEARCH IN MEDICINE, BY E. I.
ATAKHANOV, 6 PP.

RUSSIAN, PER, VEST AK MED NAUK SSSR,
VOL XVI, NO 12, 1961, PP 87-89.
JPRS L3L29

SCI - MED
MAR 62

188,776

(NY-6981)

SCIENTIFIC CONTACTS WITH FOREIGN SCIENTISTS,
BY N MEDVEDEV, 3 PP.

RUSSIAN, PER, VEST AK ~~MXED~~ NAUK SSSR,
VOL XVI, NO 12, 1961, ~~PP 90-91~~.

JPRS 13129

SCI - MED
MAR 62

188,777

VESTNIK AKADEMII MEDITSINSKIKH NAUK SSSR
(Herald of the Academy of Medical Sciences
of the USSR - monthly)
Translation of 1962, Vol. 17, Nos.
2-4-5-6, 1963, Vol. 18, Nos. 1-8, 10-12;
1964, Vol. 19, Selected items.
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Russ

Cortical Bioelectric Pattern of Activity
in Epileptic Patients and Response to
Mesamidine and Benzonal, by
F. A. Leybovich,
RUSSIAN, per, Akad Meditsinskikh Nauk SSSR,
Vestnik, No 1, 1962, pp 65-77.
*FTD-TT-65-1927

Sci/BGM
Dec 65

(SF-2170)

On the Structural Organization of Neuron Inter-
Relationships in the Human Cerebral Cortex,
by G. I. Polyakov, 16 pp.

RUSSIAN, per, Vest Ak Med Nauk SSSR,
Vol XVII, No 1, 1962, pp 77-787.

JPRS 13325

Sci - Med

190, 2/2

Apr 62

Experience in Carrying Out the World Health
Organization Courses in the USSR on the Natural
Occurrence of Human Diseases,
by E.N. Pavlovskiy.
RUSSIAN, per, Vest Ak Medit Nauk SSSR, Vol XVII,
No 1, 1962, pp 93-96. 9225057
USDA Tr V-1953

Sci - B & M Sci
Oct 64

268,387

Studies on the Theory of Crystal Growth and Phase
Transitions, by B. Ya. Lyubov, 5 pp.
RUSSIAN, per, Vest Ak Nauk SSSR, No 1, 1962, pp 134-136.
969558
Amer Meteorol Soc

T-R-446

** Sent of many SHU/APL 1552*

Sci - Phys
Jan 65

270,912

New Semiconductor Compounds, by D. N. Nasledov, 5 pp.
RUSSIAN, per, Vest Ak Nauk SSSR, No 3, 1962, pp 87-89.
9695554
Amer Meteorol Soc
T-R-447

Sci - Phys
Jan 65

270,913

SEASONAL VARIATIONS IN REACTIVITY TO LIVING
INFLUENZA VACCINES, BY V. M. ZHDANOV,
V. V. RITOVA, 10 PP.

RUSSIAN, PER, VESTNIK AK MEDITSINSKIKH NAUS SSSR,
VOL XVII, NO 2, 1962, PP 3-9.

JPRS 17930

SCI - MED
MAR 63

224,322

PATHOPHYSIOLOGICAL STUDIES OF THE MECHANISM
OF THE TOXIC EFFECT OF THE INFLUENZA VIRUS,
BY T. A. ALEKSEYEVA, 10 PP.

RUSSIAN, PER, VESTNIK AK MEDITSINSKIKH NAUK SSSR,
VOL XVII, NO 2, 1962, PP 9-14.

JPRS 17930

SCI - MED
MAR 63

224,323

SOME RESULTS OF STUDY OF CIRCULATORY DISORDERS IN
INFLUENZA, BY N. V. SERGEYEV, F. L. LEYTES, 14 PP.

RUSSIAN, PER, VESTNIK AK MEDITSINSKIKH NAUK SSSR,
VOL XVII, NO 2, 1962, PP 15-22.

JPRS 17930

SCI - MED

MAR 63

224,324

METHODS OF STUDYING INFECTIOUS HEPATITIS, BY
I. L. BOGDANOV, 15 PP.

RUSSIAN, PER, VEST AK MEDITSINSKIKH NAUK SSSR,
X VOL XVII, NO 2, 1962, PP 23-32.
JPRS 17930

SCI - MED

MAR 63

224,325

CONTROVERSIAL PROBLEMS OF THE EPIDEMIOLOGY
OF INFECTIOUS HEPATITIS, BY M. M. SHEYNBERGAS,
18 PP.

RUSSIAN, X PER, VEST AK MEDITSKINSKIKH NAUK SSSR,
VOL XVII, NO 2, 1962, PP 32-41.

JPRS 17930

XX
XX

SCI - MED

MAR 63

224,326

~~XX~~ THE DIAGNOSIS OF DIPHTHERIA, BY N. K. BELAYA,
12 PP.

RUSSIAN, PER, ~~VEST AK MEDITSKXX~~INSKIKH NAUK SSSR,
VOL XVII, NO 2 , 1962, PP 41-49.

JPRS 17930

SCI - MED

MAR 63

224,327

IN THE FIRST STAGE OF ELIMINATING DIPHTHERIA
IN THE USSR, BY M. I. KHAZANOV, 8 PP.

RUSSIAN, PER, VEST AK MEDITSINSKIKH NAUK SSSR,
VOL XVII, NO 2, 1962, PP 50-55.

JPRS 17930

SCI - MED

MAR 63

.224,328

EXPERIENCE IN WORK OF REDUCING THE DIPHTHERIA
MORBIDITY RATE IN PETROZAVODSK, 10 PP., by
A. G. Grigori'yeva-Barenshteyn, L. I. Kudyakova.
RUSSIAN, PER , VEST AK MEDITSINSKIKH NAUK SSSR,
VOL XVII, NO 2, 1962, PP 56-62.

JPRS 17930

SCI - MED

MAR 63

224,329

Certain Physiological Shifts in the Human Organism
During Acclimatization in the Intracontinental
Regions of Antarctica, by I. I. Tikhomirov, 14 pp.
RUSSIAN, per, Vestnik Ak Medit Nauk, No 17 (3),
1962, pp 74-82.
FTD-TT-64-286

Sci - Biol & Med Sci
Jan 65

271,448

"SPONTANEOUS" DISEASES OF MONKEYS AND PROSPECTS
OF USING THEM AS MODELS FOR THE MOST IMPORTANT
HUMAN DISEASES, BY B. A. LAPIN, 11 PP.

RUSSIAN, ;PER, ~~XXXXXXXXXXXXXXXXXXXX~~
~~XXXXXXXXXXXXXXXXXXXX~~ VESTNIK AKADEMII MEDITSINSKIKH NAUK SSSR,
VOL XVII, NO 11, 1962, PP 82-89.
JPRS 17711

SCI - MED

MAR 63

223,809

SPONTANEOUS TUMORS IN RATS BRED IN NURSERIES OF
THE ACADEMY OF MEDICAL SCIENCES USSR, BY
YE. A. IRD, V. P. KONOPLEV, 12 PP.

RUSSIAN, PER, VESTNIK AKADEMII MEDITSINSKIKH
NAUK SSSR, VOL XVII, NO 11, 1962, PP 89-96.

JPRS 17711

SCI - MED

MAR 63

223,928

(NY-7033)

CHANGES IN BLOOD PROTEIN IN ACUTE LEUKEMIA,
BY YE. D. PONOMAREVA, 13 PP.

RUSSIAN, PER, VEST AK MED NAUK SSSR, VOL XVII,
NO 2, 1962, PP 82-89.

JPRS 13645

SCI - MED
MAY 62

193,316

(NY-7119)

EXPERIMENTAL SUBSTANTIATION OF THE APPLICATION
OF CENTRAL CHOLINOLYTICS IN PRACTICAL MEDICINE,
BY P. P. DENISENKO, 30 PP.

RUSSIAN, PRE, VESTNIK AK MEDIT NAUK SSSR,
NO 3, 1962, PP 48-58.

JPRS 14,443

SCI - MED

202,916

JUL 62

JUL 62

202,916

(NY-7062)

PROBLEMS OF PHARMACOLOGICAL PROTECTION AGAINST
RADIATION INJURIES, 23 PP., BY YA. ARBUZOV.

RUSSIAN, PER, VEST AK MED NAUK SSR, VOL XVII,
NO 3, 1962, PP 58-74.

JPRS 13822

SCI - MED
MAY 62

197,347

(NY-7062)

SOME PHYSIOLOGICAL CHANGES IN THE HUMAN BODY DURING
THE COURSE OF ACCLIMATIZATION IN THE INTRACONTINENTAL
REGIONS OF ANTARCTICA, 14 PP. *G. V. Nikonorov.*

RUSSIAN, PER, VEST AK MED NAUK, VOL XVII, NO 3,
1962, PP 74-82.

JPRS 13822

SCI - MED
MAY 62

197,348

(NY-7062)

SAFEGUARDING HUMAN HEALTH UNDER CONDITIONS OF
THE FAR NORTH, BYP. RUDNEV, I. P. NOVIKOV,
13 PP.

RUSSIAN, PER, VEST AK MED NAUK SSSR, VOL XVII,
NO 3, 1962, PP 83-89.

JPRS 13~~8~~822

SCI - MED
MAY 62

197,349

Introductory Address of N. N. Blokhin,
President of the Academy of Medical Sciences
USSR, by N. N. Blokhin, # 3 pp.

RUSSIAN, per, Vestnik Akademii Meditsinskikh Nauk
SSSR, No 4, 1962, pp 5-6.

JPRS 15842

Med

Nov 62

PROBLEMS OF THE ACADEMY OF MEDICAL SCIENCES USSR IN
LIGHT OF THE RESOLUTIONS OF THE XXII CONGRESS OF
THE COMMUNIST PARTY USSR, BY N. N. BLOKHIN, 16 PP.

RUSSIAN, PER, VEST AK MED NAUK SSSR, NO 4, 1962,
PP 7-15. 9678226

FTD-TT-62-963

JPRS '15842

SCI - MED
12 OCT 62

212,814

GENERAL PRINCIPLES OF FORMING PROTECTIVE DEVICES FOR
THE ORGANISM, BY P. K. ANOKHIN, 19 PP.

RUSSIAN, PER, VEST. AK. MED. NAUK. SSSR, NO4, 1962,
PP 16-26. 9678226

FTD-TT-62-963

SCI - MED

JPRS 15-842

12 OCT 62

212,815

(SF-2318)

ADAPTIVE PROCESSES IN PATHOLOGY, BY
I. V. DAVYDOVSKIY, 15 PP.

RUSSIAN, PER, VEST AK MEDIT NAUK SSSR, NO 4,
1962, PP 27-37.

JPRS 15187

SCI - MEDICINE

SEP 62

210,725

EFFECT OF ENDOCRINAL ADAPTATION FACTOR AND COMPEN-
SATION IN THE GENESIS OF CERTAIN PATHOLOGICAL STATES,
BY V. G. BARONOV, 12 PP.

RUSSIAN, PER, VEST AK MED NAUK SSSR, NO 4, 1962,
PP 38-44. 9678226

FTD-TT-62-963

SCI - MED
12 OCT 62

212,816

(SF-2318)

ADAPTIVE REACTIONS OF THE ORGANISM UNDER
OCCUPATIONAL CONDITIONS, BY A. A. LETAVET,
9 PP.

RUSSIAN, PER, VEST AK MEDIT NAUK SSSR, NO 4,
1962, PP 44-50.

JPRS 15187

SCI - MEDICINE

SEP 62

ALSO FID-TT-62-1104
(9679882)
210,726

(SF-2318)

THE PROTECTOR OF THE ORGANISM FROM HETEROGENIC
GENETIC INFORMATION, BY L. A. ZIL'BER, 10 PP.

RUSSIAN, PER, VEST AK MEDIT NAUK SSSR, NO 4,
1962, PP 50-57.

JPRS 15187

SCI - MEDICINE

SEP 62

210,727

Cytophysiological Mechanisms of Immunogenesis, by
P. F. Zdrodovskiy, 12 pp.

RUSSIAN, per, Vestnik Akademii Meditsinskikh
Nauk SSSR, No 4, 1962, pp 57-65.

JPRS 15842

MM Med

214,757

Nov 62

Experimental Biology and New Concepts of
Immunogenesis, by N. N. Zhukov-Vereshnikov, I. N.
Mayskiy, et al, 7 pp.

RUSSIAN, per, Vestnik Akademii Meditsinskikh Nauk SSSR,
No 4, 1962, pp 65-70.

JPRS 15842

Med

Nov 62

ITD-TT-62-1164
71

211,750
(9679882)

Resistance of Organisms as a Genetic Problem,
by V. D. Timakov, D. M. Gol'dfarb, et al, 10 pp.

RUSSIAN, per, Vestnik Akademii Meditsinskikh Nauk
SSSR, No 4, 1962, pp. 70-76.

JPRS 15842

Med

Nov 62

216,751

(SF-2318)

THE POSSIBILITY OF PROTECTIVE ADAPTATIONS OF THE
ORGANISM AND LIMITS OF ADAPTATION UNDER CONDITIONS
OF MAXIMUM OVERSTRAIN AND WEIGHTLESSNESS, BY
V. V. PARIN, O. G. GAZENKO, V. I. YAZDOVSKIY,
7 PP.

7 P

RUSSIAN, PER, VEST AK MEDIT NAUK SSSR, NO 4,
1962, PP 76-81.

JPRS 15187

SCI - MEDICINE

*Also - FTD-62-1164
(9679887)*

SEP 62

210.728

Discussions on the Reports of the Scientific
Section of the 16th Session of the General
Assembly of the Academy of Medical Sciences
USSR, Devoted to the Problem of the Defense
Functions of the Organism, ~~17~~ 27 pp.

RUSSIAN, per, Vestnik Akademii Meditsinskikh Nauk
SSSR, No 4, 1962, pp 82-93. 9678226

JPRS 15842

Med

216,752

Nov 62

FTD-TT-62-963

Concluding Remarks on the Scientific Reports, 6 pp.

RUSSIAN, per, Vestnik Akademii Meditsinskikh Nauk
SSSR, No 4, 1962, pp 93-96.

JPRS 15842

Med

216,753

Nov 62

Mechanism of Interaction of Viruses and Cells and
Immunity to Viruses on the Cell Level, by V. M.
Zhdanov, 13 pp. *9201832*

RUSSIAN, per, Vest Ak Med Nauk SSSR, No 5, 1962,
pp # 5-13.

JPRS 15239

Sci - Med

NIH 12-26-62

212,740

Oct 62

Specific and Nonspecific Factors in Antivirus
Immunity, by K P. N. Kosyakov, 15 pp.

RUSSIAN, per, Vest Ak Med Nauk SSSR, No 5,
1962, pp 13-24.

JPES 15239

Sci - Med

.212,741

Oct 62

The Role of the Hypophyseal-renal System in
Immunological and Infection Processes, by
V. I. Koffe, L. P. Kopytovskaya, 12 pp.

RUSSIAN, per. Vestnik Ak Med Nauk SSSR, No 5,
1962, ~~PLINCSAUX~~ 9568623

FD 24-28, FTD-TT-62-1097

Sci-Biol & Med Sci
May 63

230, 842

Disruptions of Natural Immunity in Irradiated
Animals and Methods of Stimulating It, by
V. L. Troitskiy, 16 pp.

RUSSIAN, per, Vest Ak M Med Nauk SSSR, No 5,
1962, ~~XXXXXXXX~~ 9668623

14-21-89

FTD-TT-62-1097

Sci-Biol & Med Sci
May 63

230,843

The Problem of Compensation in Surgery, by
A. A. Vishnevskiy, L. L. Shik, 7 pp.

RUSSIAN, per, Vest Ak Med Nauk SSSR, No 5, 1962,
pp 43-47.

JPRS 15239

Sci - Med

212,742

Oct 62

The Influence of Chemotherapeutic Agents on
the Protective Functions of the Organism,
by Kh. Kh. Planel'yes, 11 pp.

RUSSIAN, per, Vest Ak Med Nauk SSSR, No 5,
1962, INDEXED 9668623

ag-47-51

FTD-TT-62-1097

Sci-Biol & Med Sci
May 63

230,844

The Role of ~~At~~ Physical Education of Children in
Prophylaxis of Disease, by A. F. Tur, 8 pp.

RUSSIAN, per, Vest Ak Med Nauk SSSR, No 5, 1962,
pp 58-63.

JPRS 15239

212, 743

Sci - Med

Oct 62

Stimulation of the Protective Functions of
the Organism With Physical Agents, by
A. N. Obnosov, P. D. Vasilenko, et al, 10 pp.

RUSSIAN, per, Vest Ak Med Nauk SSSR, No 5,
1962, 9666623

64-68
FTD-TT-62-1097

Sci-Biol & Med Sci
May 63

230,845

Experience in the Analysis of the Protective Functions of the Body on the Basis of the Concepts of the Theory of Regulation and Of Physiology, by B. I. Al'bertinskiy, G. S. Kan, V. N. Chernigovskiy, 22 pp.

RUSSIAN, per, Vest Ak Med Nauk SSSR, No 5, 1962, pp 72-87.

JPRS 15239

Sci - Med

Oct 62

212,744

11-10-62 - FTD-TT-62-1548

Rev. 348

General Adaptive Reactions to the Influence of
Harmful Stimuli Upon the Organism, by I. R.
Petrov, 10 pp.

RUSSIAN, per, Vest Ak Med Nauk SSSR, No 5, 1962,
pp 87-93.

JPRS 15239

AD 70-1042-1049
Re 5348 211, 931

Sci .. Med

Oct 62

The Role of ~~Ana~~ Anaerobic and Oxidative Phos-
phorylation Processes in the Protective Functions
of the Organism, by S. Ye. Severin, 15 pp.

RUSSIAN, per. Vest Ak Med Nauk SSSR, No 5, 1962, .
9668623

93-101
FTD-TT-62-1097

Sci-Biol & Med Sci
May 63

130,838

Morphologic Manifestations of Protective
Functions of the Body in ~~E~~ Infectious
Processes, by M. V. Voyno-Yasenatskiy, 11 pp.

RUSSIAN, per, Vest Ak Med Nauk SSSR, No 5,
1962, pp 102-109.

JPRS 15239

Sci - Med
Oct62

211, 938

The Biological Factors in Resistance of Vital
Functions of the Organism to Processes of
Extinction, 9 pp. by G. V. Vygodchikov.

RUSSIAN, per, Vest Ak Med Nauk SSSR, No 5, 1962,
Pp 109-115.

JPRS 15239

211, 940

Sci - Med

Oct 62

The Work of the Bureau of the Department of Hygiene, Microbiology and Epidemiology for 1960-1961 and Problems of Scientific Research Institutions of the Department in the Light of the Resolutions of the Twenty-Second Congress of the CPSU, by G. V. Vygodchikov, 7 pp.

RUSSIAN, per, Vest Ak Med Nauk SSSR, No 5, 1962, Pp 118-121.

JPRS 15239

211,941

Sci - Med

Oct 68

The Work of the Bureau of the Department of
Clinical Medicine for 1960-1961, and Problems
of Scientific Research Institutions of the Department in
in the Light of the Resolutions of the Twenty-
Second Congress of the CPSU, by V. Kh, Vasilenko,
7 pp.

RUSSIAN, per, Vest Ak Med Nauk SSSR, No 5, 1962,
pp 123-126.

JPRS 15239

Sci - Med

211, 942

Oct 62

The Work of the Bureau of the Department of
Medico-Biological Sciences in 1960-1961 and the
Problems of Scientific Research Institutions of
the Department in the Light of the Resolutions
of the Twenty-Second Congress of the CPSU,
by N. A. Krayevskiy, 7 pp.

RUSSIAN, per, Vest Ak Med Nauk SSSR, No 5, 1962,
pp 128-130.

JPRS 15239

Sci - Med

212, 745

Oct 62

of Medical Sciences USSR on the Problem "Protective Functions of the Organism" Dated 20 Feb 1962, 5 pp.

RUSSIAN, per, Vest Ak Med Nauk SSSR, No 5, 1962, pp 142-145.

JPRS 15239

Sci - Med

212, 746

Oct 62

The Eighth International Anti-Cancer
Congress and Soviet Oncology, 6 pp.

RUSSIAN, per, Vest Ak Med Nauk SSSR,
Vol XVII, No 6, 1962, pp 3-6.

JPRS 185445

Sci - Med
Oct 62

212,469

The Reciprocal Relations Between Precancerous
Changes and Reactive Proliferation(1), by
Yu. M. Vasil'yev, V. I. Gol'shteyn, 15 pp.

RUSSIAN, per, Vest Ak Med Nauk SSSR,
Vol. XVII, No 6, 1962, pp 7-16.

JPRS 15445

OTS 63-19024
212,470

Sci - Med
Oct 62

63-19027

Timofeevskii, A. D.
TISSUE CULTURE IN THE STUDY OF SOME ON-
COLOGICAL PROBLEMS. [1962] [16]p. 30 refs.
FASEB manuscript no. S 358-2.
Order from OTS or SLA \$1.60

63-19027

Trans. of Akademiya Meditsinskikh Nauk SSSR.
Vestnik, 1962, v. 17, no. 6, p. 17-23.

DESCRIPTORS: *Culture media, *Tissues (Biology).
*Cancer, Cells (Biology).

Four trends of research in oncology are reviewed:
(1) the production and study of cell strains from normal
and neoplastic human tissues; (2) virological investi-
gations; (3) malignant transformation of cultivated cells
and tissues; and (4) the study of the antigenic properties
of certain strains of human cells. A new technique for
cultivating cell strains was discussed, and the adapta-
(Biological Sciences--Pathology, TT, v. 10, no. 7)
(over)

- I. Timofeevskii, A. D.
- II. FASEB S-358-2
- III. Federation of American
Societies for Experi-
mental Biology,
Washington, D. C.
- IV. Scripta Technica, Inc.,
Washington, D. C.

Office of Technical Services

63-19026

Lazarev, N. I.
THEORETICAL ASPECTS OF HORMONAL PROPHY-
LAXIS OF HORMONALLY INDUCED TUMORS. [1962]
[24]p. 16 refs. FASEB manuscript no. S 357-2.
Order from OTS or SLA \$2.60 63-19026
Figs. available on loan from OTS

Trans. of Akademiya Meditsinskikh Nauk SSSR,
Vestnik, 1962, v. 17, no. 6, p. 23-35.

DESCRIPTORS: *Hormones, *Tumors, Etiology,
Drugs, Endocrine glands, Inhibition.

This is a general outline of the basic principles
governing the relationship between the functions of the
endocrine glands and how these relationships may be
a factor in preventing dyshorminal tumors.

(Biological Sciences--Pathology, TT, v. 10, no. 6)

- I. Lazarev, N. I.
- II. FASEB S-357-2
- III. Federation of American
Societies for Experimental
Biology, Washington, D. C.
- IV. Scripta Technica, Inc.,
Washington, D. C.

Office of Technical Services

Experimental Basis of the Chemotherapy of
Malignant Tumors of the Extremities by the
Method of Regional Perfusion, by N. N.
Trapeznikov, I. A. Avdeyeva, 10 pp.

RUSSIAN, par, Vest Ak Med Nauk SSSR,
Vol. XVII, No 6, 1962, pp 67-72.

JPRS 15445

Sci - Med
Oct 62

212, 47/

Mental Changes After Brief Clinical Death,
by V. V. Kovalev, 13 pp.

RUSSIAN, per, Vest Ak N Med Nauk SSSR,
No 7, 1962, pp 17-22.

JPRS 15270

Sci - Med

Oct 62

212,394

Medical Genetics -- Achievements and Problems
by V. P. Efroimson, 22 pp.

RUSSIAN, per, Ves Ak Med Nauk SSSR, No 7:
1962, pp 74-82.

JPRS 15270

Sci - Med

212,597

Oct 62

(S-651/62)

Electromyography in Modern Anesthesiology, by
V. A. Kovanev, Ya. M. Khmelevskiy, § (DC-8105)

RUSSIAN, per, Vest Ak Med Nauk SSSR, Vol XVII, 1500.
No 8, 1962, pp 3-10.

*JPRS 15931

Sci - Med
18 Sept 62

63-15992

Marshak, M. E.
MATERIALS ON THE FUNCTIONAL ORGANIZATION
OF THE RESPIRATORY CENTER. [1962] [18]p.
13 refs. FASEB manuscript no. S 116-2.
Order from OTS or SLA \$1.60 63-15992

Trans. of Akademiya Meditsinskikh Nauk SSSR.
Vestnik, 1963, v. 17, no. 8, p. 16-22.

DESCRIPTORS: Physiology, *Respiratory system,
Nervous system, Brain, *Hypoxia, Oxygen consumption,
*Hypercapnia, *Sensory mechanisms, Carbon dioxide,
Oxygen poisoning.

Experimental data on the laws that govern the structure
and functional activities of the respiratory center are
presented. Electrical recordings of the activity of the
respiratory muscles and nerves of cats and human
subjects during hypoxia, hypercapnia and hyperventi-
lation were made. To obtain satisfactory recordings,
(Biological Sciences--Physiology, TT, v. 10, no. 6)
(over)

- I. Marshak, M. E.
- II. FASEB S-116-2
- III. Federation of American
Societies for Experimental
Biology, Washington, D. C.
- IV. Scripta Technica, Inc.,
Washington, D. C.

Office of Technical Services

XENON ANESTHESIA IN MAN, BY L. N. BUACHIDZE,
V. P. SMOL'NIKOV, 3 PP

RUSSIAN, PER, VESTNIK AKADEMII MEDITSINSKIKH NAUK
SSR, VOL XVII, NO 8, 1962, PP 22

JPRS 15931

SCI~~X~~-MED
NOV 62

Harkany, I.

EXPERIMENTAL AND CLINICAL INVESTIGATIONS
OF RELAXIL-G. [1962] [20]p. FASEB manuscript
no. S. 117-1.

Order from OTS or SLA \$1.60

63-15993

Trans. of Akademiya Meditsinskikh Nauk SSSR,
Vestnik 1962, v. 17, no. 8, p. 44-50.

DESCRIPTORS: Drugs, Angiography, *Glycerol ethers,
*Anesthetics, *Hypnotics and sedatives, *Muscle
relaxants, Toxicity, Barbiturates.

The data presented relate to a curare-like substance
known as MI-301, Reorganin, or Relaxil CT which is
a glyceryl-guaiacol ether. The drug was given to both
animal and human subjects. The human subjects studied
consisted of 46 healthy subjects and patients aged 14 to
65 years. They were given 1 to 8g of drug intravenously.
(Biological Sciences--Pharmacology, TT, v. 10, no. 6)
(over)

63-15993

1. Title: Relaxil G,
2. Title: Glyceryl guaiacol
ether
1. Harkany, I.
- II. FASEB S-117-2
- III. Federation of American
Societies for Experimental
Biology, Washington, D. C.
- IV. Scripta Technica, Inc.,
Washington, D. C.

Office of Technical Services

BIOCHEMICAL MECHANISMS OF RADIATION SICKNESS,
BY V. M. RODIONOV, 17 PP.

RUSSIAN, PER, VEST AK MED NAUK SSSR, VOL XVII,
NO 9, 1962, PP 48-58.

JPRS 16,772

SCI - MED

JAN 63

218,551

THE PROBLEM OF SCIENTIFICALLY SUBSTANTIATING THE
DEGREE OF EPIDEMIOLOGICAL EFFECTIVENESS OF VARIOUS
VACCINES, BY O. V. BAROYAN, 12 PP.

RUSSIAN, PER, VEST AK MED NAUK, VOL XVII, NO 8 9,
1962, PP 76-84.

JPRS ~~XB~~16772

SCI - MED

JAN 63

218,552

Zalasskii, G. G., Vorob'eva, N. N., Yavorovskaya, V. E., Shurin, S. P., and Balandina, A. M.
FILTRABLE VIRUSES ISOLATED FROM PATIENTS WITH RHEUMATIC FEVER. 1963. 8p
Order from FASEB in Federation Proceedings, 1963, v. 22, no. 5, pt. 2, \$2.00

Trans. of Akademiya Meditsinskikh Nauk SSSR. Vestnik, 1962, v. 17, no. 9, p. 85-[93]. (Abstract available)

DESCRIPTORS: Viruses, *Rheumatic diseases, Antigen-antibody reactions, *Adenoviruses, *Virus diseases

The spectrum of the tissues in which a cytopathogenic effect results from infection with "R" viruses and the character of the degeneration distinguish "R" viruses from the cytopathogenic viruses of earlier known groups (Biological Sciences, TT, v. 11, no. 1) (over)

TT-63-17973-5
(p. T806-T813)

- I. Zalasskii, G. G.
- II. Vorob'eva, N. N.
- III. Yavorovskaya, V. E.
- IV. Shurin, S. P.
- V. Balandina, A. M.
- VI. Federation of American Societies for Experimental Biology, Washington, D. C.

Office of Technical Services

S-728/62

Regarding D. L. Ferdman's Book "Biochemistry", by
V. S. Tongur. (NY-7292)

RUSSIAN, per, Vest Ak ~~Medik~~ Medit Nauk SSSR, ~~Me~~
Vol XVII, No 9, 1962, pp 94, 95.

*JPRS

Sci - Chem

18 Oct 62

SUMMARY OF SCIENTIFIC RESEARCH IN PEDIATRICS IN 1960
AND 1961 AND FUTURE TASKS IN THE FIELD,
BY .M. YA. STUDENIKIN, R. A. KALYUZHNYA, 30 PP.

RUSSIAN, PER, VEST AK MEDITSINSKIKH NAUK, NO 10,
1962, PP 3-14.

JPRS 16926

SCI - MED

JAN 63

219,138

63-19362

Novikov, E. Ch., Farber, D. A. and others.
THE PROMPT DIAGNOSIS AND LOCALIZATION OF
INTRACRANIAL TRAUMA IN NEONATAL IN-
FANTS. [1963] [10]p. FASEB manuscript no. S 399-2.
Order from OTS or SLA \$1.10 63-19362

Trans. of Akademiya Meditsinskikh Nauk SSSR.
Vestnik, 1962, v. 17, no. 10, p. 44-48.

DESCRIPTORS: Diagnosis, *Brain, Shock (Pathology),
*Wounds and injuries, *Infants, Gynecology,
Neurology, Edema, Spinal cord, Hemorrhage,
Muscles, Electroencephalography, Reaction
(Psychology).

(Biological Sciences--Neurology, TT, v. 10, no. 3)

- I. Novikov, E. Ch.
- II. Farber, D. A.
- III. FASEB S-399-2
- IV. Federation of American
Societies for Experimental
Biology, Washington, D.C.

Office of Technical Services

63-19361

Gradov, M. G. and Sholin, N. I.
THE NUCLEIC ACID CONTENT OF THE BLOOD IN
CHILDREN WITH DISEASES OF THE HEMATO-
POIETIC SYSTEM. [1963] [18]p. FASEB manuscript
no. S 400-2.

Order from OTS or SLA \$1.60

63-19361

Trans. of Akademiy Meditsinskikh Nauk SSSR,
Vestnik, 1962, v. 17, no. 10, p. 52-59.

DESCRIPTORS: *Nucleic acids, Blood, *Children,
*Diseases, *Hemopoietic system, Hemopoiesis,
*Leukemia, Hematology, Leukocytes, Ribonucleic
acids, Deoxyribonucleic acids.

The NA content in the blood of children with acute
myelogenous leukemia was found to range between 0.058
and 22.62 μg per ml of blood. In most of the cases
studied, the $\frac{\text{P RNA}}{\text{P DNA}}$ ratio was found to exceed unity,

(Biological Sciences--Pathology, TT, v. 10, no. 7)

(over)

- I. Gradov, M. G.
- II. Shokin, N. I.
- III. FASEB S-400-2
- IV. Federation of American
Societies for Experimental
Biology, Washington, D.C.
- V. Scripta Technica, Inc.,
Washington, D. C.

Office of Technical Services

63-19360

Kalyuzhnaya, R. A.
THE ROLE OF INDIVIDUAL REACTIVITY IN THE
DEVELOPMENT AND SUBSEQUENT COURSE OF
CHRONIC TOXICITY IN CHILDREN. [1963] [23]p.
(refs. omitted). FASEB manuscript no. S 401-2.
Order from OTS or SLA \$2.60 63-19360

Trans. Akademiya Meditsinskikh Nauk SSSR.
Vestnik, 1962, v. 17, no. 10, p. 59-67.

DESCRIPTORS: *Toxicity, *Toxic tolerances,
*Children, Reaction (Physiology), Growth, *Diseases,
Communicable diseases, Autonomic nervous system,
Cholinesterase, Properdin, Heart, *Antigen-antibody
reactions, Pathology.

(Biological Sciences--Pathology, TT, v. 10, no. 3)

- I. Kalyuzhnaya, R. A.
- II. FASEB S-401-2
- III. Federation of American
Societies for Experimental
Biology, Washington, D.C.
- IV. Scripta Technica, Inc.,
Washington, D. C.

Office of Technical Services

The Problem of Influenza and
Influenzalike Viral Infections in
Children, by V. D. Soboleva.
RUSSIAN, per, Vest Akad Med Nauk SSSR,
Vol XVII, No 10, 1962, pp 76-88.
NII 1-4-65

Sci-B&M
Aug 65

286,2166

CONFERENCES AND MEETINGS -- CONFERENCE ON THE
PROBLEM OF ATHEROSCLEROSIS, BY V. P. SOKOLOVSKIY,
E. G. PARAMONOVA, 6 PP.

RUSSIAN, PER, VEST AK MED NAUK SSR, NO 10,
1962, PP 89-92.

JPRS 16554

SCI - MED

DEC 62

218,016

Vyasov, O. E., Volkova, L. S., Titova, I. I., and
Murashova, A. I.
HUMERAL RELATIONSHIP BETWEEN MOTHER AND
FETUS IN CLINIC AND EXPERIMENT. 1963, 5p
Order from FASIB in Federation Proceedings, 1963,
v. 22, no. 5, pt. 2, \$2.00

Trans. of Akademiya Meditsinskikh Nauk SSSR. Vestnik,
1962, v. 17, no. 11, p. 23-[31].

DESCRIPTORS: *Body fluids, *Pregnancy, *Embryos,
Fetal membranes, *Antigens and antibodies, Blood
groups, Embryology

(Biological Sciences, TT, v. 11, no. 1)

TT-63-17973-5
(p. T964-T968)

- I. Vyasov, O. E.
- II. Volkova, L. S.
- III. Titova, I. I.
- IV. Murashova, A. I.
- V. Federation of American
Societies for Experi-
mental Biology,
Washington, D. C.

006487

Office of Technical Services

Il'in, L. V., Paryaninov, L. S., and Savel'eva,
G. M.

FETAL ELECTROCARDIOGRAPHY IN THE OBSTET-
RICAL CLINIC. [1963] [14p] 11refs FASEB Manuscript
no. S 93-3.

Order from OTS, SLA or ETC \$1.60 TT-63-23842

Trans. of Akademiya Meditsinskikh Nauk SSSR.
Vestnik, 1962, v. 17, no. 11, p. 36-40.

DESCRIPTORS: *Electrocardiography, *Phonocardi-
ography, *Pregnancy, *Embryos, Heart, Diagnostic
agents, Cardiovascular system,

Fetal electrocardiographs (ECG) and phonocardiograms
(PCG) were recorded for 350 women at various stages
of pregnancy. The changes in fetal cardiac activity
during labor pains were recorded for 57 cases. A
standard ECG at various intervals of pregnancy is de-
(Biological Sciences--Physiology, TT, v. 11, no. 1)
(over)

TT-63-23842

- I. Il'in, L. V.
- II. Paryaninov, L. S.
- III. Savel'eva, G. M.
- IV. FASEB S-93-3
- V. Federation of American
Societies for Experi-
mental Biology,
Washington, D. C.
- VI. Scripta Technica, Inc.,
Washington, D. C.

Office of Technical Services

S-63/63

NY-7448

On Spontaneous Diseases of Monkeys and Prospects of
Using Them as Models for the More Important Human
Diseases, by B. A. Lapin.

RUSSIAN, per, Vest Ak Medit Nauk SSSR, Vol XVII,
No 11, 1962, pp 82-89.

*JPRS

Sci - Med
Jan 63

S-63/63

NY-7448

Spontaneous Tumors in Rats Bred in Nurseries of the
Academy of Medical Sciences, USSR, by Ye. A. Ird,
V. P. Konoplev, 26pp

RUSSIAN, per, Vest Ak Medit Nauk SSSR, Vol XVII,
No 11, 1962, pp 89-96.

*JPRS 17711
OTS on SLA 63-23841(20pp)

Sci - Med
Jan 63

NUCLEIC ACID ORGANIZATION IN THE CELL, BY
I. B. ZBARSKIY, 15 PP.

RUSSIAN, PER, VESTNIK AKADEMII MEDITSINSKIKH
NAUK SSSR, VOL X XVII, NO 12, 1962, PP 3-13.

JPRS 17667
OTS 68-23051

SCI → MED

FEB 63

223,364

THE PROBLEM OF NUCLEIC ACID SPECIFICITY, BY
A. N. BELOZERSKIY, 10 PP.

RUSSIAN, PER, VESTNIK AKADEMII MEDITSINSKIKH
NAUK SSSR, VOL XVII, NO 12, 1962, PP 13-19.

JPRS 17667

SCI - MED

FEB 63

W

223,365

NUCLEIC ACIDS AND PROTEIN BIOSYNTHESIS, BY
V. S. TONGUR, 15 PP.

RUSSIAN, PER, VESTNIK AKADEMII MEDITSINSKIKH NAUK
SSSR, VOL XVII, NO 12, 1962, PP 20-29.

JPRS 17667

SCI - MED

FEB 63

223,366

THE PROBLEM OF THE UNIVERSITY OF THE NUCLEIC
ACID CODE, BY B. M. OLENOV, 9 PP.

RUSSIAN, PER, VESTNIK AKADEMII MEDITSINSKIKH
NAUK SSSR, VOL XVII, NO 12, 1962, PP 29-35.

JPRS 17667

SCI -- MED

FEB 63

223,367

THE ROLE OF NUCLEIC ACIDS IN VIRAL INFECTIONS,
BY A. S. SPIRIN, 5 PP.

RUSSIAN, PER, VESTNIK AKADEMII MEDITSINSKIKH NAUK
SSSR, VOL XVII, NO 12, 1962, PP 35-38,.

JPRS 17667

SCI -- MED

FEB 63

223,368

NUCLEIC ACIDS AND MICROORGANISM VARIABILITY, BY
V. D. TIMAKOV, 6 PP.

RUSSIAN, PER, VESTNIK AKADEMII MEDITSINSKIKH
NAUK SSSR, VOL XVII, NO 12, 1962, PP 38-49.

JPRS 17667

FASEB (2200)

SCI -- MED

FEB 63

223,369

THE SIGNIFICANCE OF MICROBIOLOGICAL OBJECTS
FOR THE STUDY OF PATHOLOGICAL CHANGES IN
GENETIC CODING, BY N. N. ZHUKOV-VEREZHIKOV,
I. N. Mayskiy, et al, 16 pp.

RUSSIAN, PER, VESTNIK AKADEMII MEDITSINSKIKH
NAUK SSSR, VOL XVII, NO 12, 1962, PP 49-59.

JPRS #176674

SCI - MED

FEB 63

223,370

S-10/63

Chromosome Organization and Functioning, by
A. Prokof'eva-Bel'govskaya. (SF-2476)

RUSSIAN, per, Vest Ak Medit Nauk SSSR, Vol XVII,
No 12, 1962, pp 60-62.

*JPRS

Sci - Med
23 Jan 63

Problems of the Formation of Protective Anti-
bodies in the Light of Current Data, by
P. F. Zdrodovskiy.
RUSSIAN, per, Vestn Akad Med Nauk SSSR, Vol 18,
1963, pp 3-16.
HEW NIH 6-91-66 (On Loan)

Sci/B&M
Jan 67

318,021

VESTNIK AKAD MEDIT NAUK SSSR 1963 COVER TO COVER
Vol 18

No 1	JPRS 18,152
No 2	JPRS 18,942
No 3	JPRS 18,974
No 4	JPRS 19,592
No 5	JPRS 20,590
No 6	JPRS 20,826
No 7	JPRS 21,228
No 8	JPRS 21,526
No 9	JPRS 43,671
No 10	JPRS 22,141
No 11	JPRS 22,711
No 12	JPRS 24,298

VESTNIK AKAD NEDIT NAUK SSSR Vol 19, -1964
COVER TO COVER

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No 4	JPRS 25,208
No 5	JPRS 25,241
No 6	JPRS 27,178
No 7	JPRS 27,032
No 8	JPRS 27,784
No 9	JPRS 28,464
No 10	JPRS 28,328
No 11	JPRS 28,767
No 12	JPRS 29,171

Viruses and Pathogenetic Characteristics of Virus
Diseases, by Kh. Zh. Zhumayev. UNCLASSIFIED

RUSSIAN, ~~HEB~~ Vestnik Ak Nauk Kazakhskoi SSSR,
Vol II, No 1, 1953, pp 70-78.

USDA

Scientific - Medicine June 34 CTS/DX

14,874

Air Ionization in Buildings, by A. L. Chizhevskiy,

RUSSIAN, per, Vest Ak Nauk Kazakhskoye SSSR, No 9,
1953, pp 34-44.

DSIR/31844/CT

Sci - Eng
Sept 58

73, 849